



June 12, 2015

ENGINEERING FIELD HANDBOOK (NEH Part 650)

210 – ENG

Notice IL83

SUBJECT: ENG – National Engineering Handbook (NEH), Part 645, Engineering Technical Materials

Purpose. To announce a correction to the Illinois supplement for the Engineering Field Handbook (EFH) Chapter 6, Aluminum Toe Wall Drop Spillways and to release a set of updated standard drawings.

Effective Date: Upon receipt.

Explanation of Changes. An error has been discovered and fixed in the IL supplement on aluminum toe wall quantities, which is a companion to IL-ENG-117. The value of S on page IL6-14(1) has been corrected. This notice distributes an update to IL6-14(1).

This notice also distributes six revised standard drawings. Details of the revisions can be found in the attached "Revised List" sheet.

Major changes include clarifying different heights as  $H_1$  and  $H_2$  for the bioreactor drawings, making geotextile mandatory around the riprap for aluminum toe wall structures, and updating the well decommissioning drawings to meet the updated national Conservation Practice Standard 642.

The Illinois NRCS engineering website will be updated to include the revised EFH supplement at: [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/il/technical/engineering/?cid=nrcs141p2\\_030600](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/il/technical/engineering/?cid=nrcs141p2_030600).

The Illinois NRCS engineering website will be revised to reflect the updated drawings at: [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/il/technical/engineering/?cid=nrcs141p2\\_030571](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/il/technical/engineering/?cid=nrcs141p2_030571).

Filing Instructions (EFH). Optional. Holders of hard copy Engineering Field Handbook binders should:

1. Discard or archive EFH supplement IL6-14(1) dated May 2013.
2. Print the attached new EFH supplement IL6-14(1) on green paper, and file in place of the discarded page 1.

Filing Instructions (Drawings). Optional. Holders of hardcopy Illinois Engineering Drawing binders should:

1. Replace Numerical Index dated 4/2015 with the new Numerical Index (attached) dated 6/2015.
2. Replace Category Index dated 4/2015 with the new Category Index (attached) dated 6/2015.
3. Print copies of the revised drawings, which are attached to this notice.
4. Follow instructions on attached distribution listing of new drawings, filing in the IL-ENG Drawing binder.

Any questions regarding this submittal should be directed to the Area Engineer.

RUTH BOOK  
State Conservation Engineer

Attachments

Dist: All IL NRCS and SWCD Employees

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